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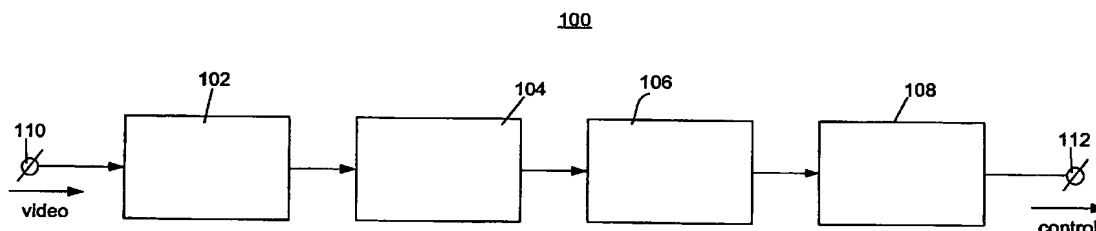
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(54) Title: **BLOCK ARTIFACTS DETECTION**



(57) Abstract: A block artifacts detection device (100) for detecting block artifacts in a video signal is disclosed. The block artifacts detection device (100) comprises: computing means (102) for computing a gradient signal on basis of the video signal; establishing means (104) for establishing a list of samples corresponding to respective local maximum values of the gradient signal; a histogram determining means (106) for determining a histogram of inter-sample distances, a first one of the inter-sample distances corresponding to a first distance between a first one of the samples and a second one of the samples succeeding the first one of the samples, and a second one of the inter-sample distances corresponding to a second distance between the first one of the samples and a third one of the samples succeeding the second one of the samples; and analyzing means (108) for analyzing the histogram of inter-sample distances and for producing a block artifact indicator on basis of the histogram.